

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 0    | "max_bandwidth" same<br>"minimum_guaranteed"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:42 |
| L2    | 7    | "max_bandwidth"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:42 |
| L3    | 0    | "minimum_guaranteed"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:42 |
| L4    | 2182 | guaranteed near5 bandwidth   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:43 |
| L5    | 0    | "minimum_guaranteed"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:43 |
| L6    | 526  | "minimum" adj "guaranteed"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:43 |
| L7    | 202  | "minimum" adj "guaranteed" and<br>l4                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:43 |
| L8    | 162  | "minimum" adj "guaranteed" same<br>l4                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 14:43 |
| L9    | 3    | "minimum" adj "guaranteed" same<br>l4 and department near10<br>engineering | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/05/12 15:18 |

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| L10 | 2   | server near10 allocat\$4 near10<br>xml   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 15:18 |
| L11 | 80  | server near10 model\$4 near10<br>xml   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 15:19 |
| L12 | 53  | server near10 mapping near10<br>xml  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 15:50 |
| L13 | 5   | 715/733-747.ccls. and<br>709/220-226.ccls. and<br>707/100-104.1.ccls.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 15:53 |
| L14 | 3   | 715/733-747.ccls. and<br>709/220-226.ccls. and<br>719/311-316.ccls.              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 15:53 |
| S1  | 350 | allocation near5 (matrix matrices)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:26 |
| S2  | 6   | allocation near5 (matrix matrices)<br>same server\$1                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 11:49 |
| S3  | 899 | (map mapping mapped) near10<br>servic\$4 near10 server\$1 and<br>2ad<"20011026"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 11:50 |
| S4  | 479 | (map mapping mapped) near10<br>servic\$4 near10 server\$1 and<br>@ad<"20011026"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 11:54 |
| S5  | 16  | (map mapping mapped) near10<br>servic\$4 near10 cluster\$1 and<br>@ad<"20011026" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 11:51 |

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| S6  | 24  | (map mapping mapped) near10<br>servic\$4 near10 server\$1 same<br>layer\$4 and @ad<"20011026"                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 11:56 |
| S7  | 171 | model\$4 with layer\$4 and<br>@ad<"20011026" and<br>709/217-219.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:00 |
| S8  | 68  | model\$4 with layer\$4 and<br>@ad<"20011026" and<br>709/217-219.ccls. and demand\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 11:58 |
| S9  | 4   | model\$4 with layer\$4 same (map<br>mapped mapping) and<br>@ad<"20011026" and<br>709/217-219.ccls.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:01 |
| S10 | 411 | model\$4 with layer\$4 same (map<br>mapped mapping) and<br>@ad<"20011026"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:01 |
| S11 | 673 | model\$4 with layer\$4 same (map<br>mapped mapping)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:01 |
| S12 | 58  | model\$4 with layer\$4 same (map<br>mapped mapping) and<br>@ad<"20011026" and "709"/\$.<br>ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:03 |
| S13 | 1   | model\$4 with layer\$4 same (map<br>mapped mapping) and<br>@ad<"20011026" and<br>"709"/220-222.ccls. and 709/226,<br>229.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:04 |
| S14 | 160 | @ad<"20011026" and<br>"709"/220-222.ccls. and 709/226,<br>229.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:04 |
| S15 | 0   | @ad<"20011026" and<br>"709"/220-222.ccls. and 709/226,<br>229.ccls. and (model models) with<br>layer\$1 same attribut\$4       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 12:05 |

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| S16 | 17  | @ad<"20011026" and "709"/220-222.ccls. and 709/226, 229.ccls. and (model models) with layer\$1  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 12:09 |
| S17 | 2   | @ad<"20011026" and "709"/220-222.ccls. and 709/226, 229.ccls. and optimiz\$6 near10 allocat\$4 near10 (server\$1 cluster\$1 resourc\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 12:10 |
| S18 | 923 | optimiz\$6 near10 allocat\$4 near10 (server\$1 cluster\$1 resourc\$4)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 12:10 |
| S19 | 18  | @ad<"20011026" and "709"/220-222,226,229.ccls. and optimiz\$6 near10 allocat\$4 near10 (server\$1 cluster\$1 resourc\$4)                | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 12:29 |
| S20 | 13  | S19 and model\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 12:36 |
| S21 | 7   | S19 and hierarch\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 12:40 |
| S22 | 229 | S18 and hierarch\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 12:40 |
| S23 | 25  | S18 and hierarch\$4 with model\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 13:12 |
| S24 | 10  | virtual\$4 with hierarch\$4 with model\$4 near10 network\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 13:22 |
| S25 | 1   | inherit\$7 near10 hierarch\$4 near10 model\$4 near10 network\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 13:23 |

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| S26 | 40    | inherit\$7 same hierarch\$4 same model\$4 same network\$4                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:31 |
| S27 | 35    | inherit\$7 same hierarch\$4 same model\$4 same servic\$4                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:35 |
| S28 | 8     | S26 and S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:32 |
| S29 | 45    | 709/220-222.ccls. and 717/171, 164.ccls.                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:36 |
| S30 | 12    | 709/220-222.ccls. and 717/171, 164.ccls. and model\$4                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:38 |
| S31 | 2     | "20020198995"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:39 |
| S32 | 11095 | servic\$4 near10 model\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:39 |
| S33 | 0     | servic\$4 near10 class\$4 near10 demand\$4 near10 network near10 model\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 13:56 |
| S34 | 25    | optimiz\$6 near10 model\$4 near10 network\$4 near10 servic\$4             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:36 |
| S35 | 49    | optimiz\$6 near10 model\$4 near10 network\$4 same servic\$4               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:39 |

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| S36 | 33   | layer\$4 near10 relationship\$4 near10 model\$4 and "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:44 |
| S37 | 484  | virtual near10 network\$4 near10 layer\$4 and servic\$4 near10 layer\$4 and 2ad<"20011026"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:46 |
| S38 | 284  | virtual near10 network\$4 near10 layer\$4 and servic\$4 near10 layer\$4 and @ad<"20011026"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:46 |
| S39 | 203  | virtual near10 network\$4 near10 layer\$4 and servic\$4 near10 layer\$4 and @ad<"20011026" and model\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:46 |
| S40 | 100  | virtual near10 network\$4 near10 layer\$4 and servic\$4 near10 layer\$4 and @ad<"20011026" and model\$4 and demand\$4 and capacit\$4                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:46 |
| S41 | 120  | virtual near10 network\$4 near10 layer\$4 and servic\$4 near10 layer\$4 and @ad<"20011026" and model\$4 and demand\$4 and (capacit\$4 bandwidth\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:55 |
| S42 | 10   | virtual near10 network\$4 near10 layer\$4 and servic\$4 near10 layer\$4 and @ad<"20011026" and model\$4 same demand\$4 same (capacit\$4 bandwidth\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 14:50 |
| S43 | 3723 | optimiz\$4 near10 (map mapping maps associates associate correlat\$4) SLA near5 layer\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:03 |
| S44 | 0    | optimiz\$4 near10 (map mapping maps associates associate correlat\$4) near10 SLA near5 layer\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:03 |
| S45 | 0    | optimiz\$4 near10 (map mapping maps associates associate correlat\$4) near10 Servic\$4 near5 layer\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:03 |

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| S46 | 5   | optimiz\$4 near10 (map mapping maps associates associate correlat\$4) same Servic\$4 near5 layer\$4            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:06 |
| S47 | 707 | server\$1 near5 layer\$4 same Servic\$4 near5 layer\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:08 |
| S48 | 39  | server\$1 near5 model\$4 same Servic\$4 near5 layer\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:09 |
| S49 | 334 | (multiple\$4 pluarlit\$4) near10 service\$4 near10 model\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:13 |
| S50 | 322 | (multiple\$4 pluarlit\$4) near10 server\$4 near10 model\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:13 |
| S51 | 58  | S49 and S50  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:15 |
| S52 | 35  | user near10 defin\$4 near10 server\$4 near10 model\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:22 |
| S53 | 61  | user near10 defin\$4 near10 server\$4 near10 (model\$4 template\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:23 |
| S54 | 267 | user near10 (creat\$4 defin\$4) near10 (cluster\$4 server\$4) near10 (model\$4 template\$4)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:21 |
| S55 | 150 | user near10 (creat\$4 defin\$4) near10 (cluster\$4 server\$4) near10 (model\$4 template\$4) and @ad<"20011026" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:26 |

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| S56 | 35  | S52 and S53  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:22 |
| S57 | 9   | user near10 defin\$4 near10<br>server\$4 near10 (model\$4<br>template\$4) and<br>@ad<"20011026" and "709"/\$.<br>ccls.     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:23 |
| S58 | 133 | user near10 (creat\$4 defin\$4)<br>near10 (server\$4) near10<br>(model\$4 template\$4) and<br>@ad<"20011026"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:28 |
| S59 | 505 | 709/220-222.ccls. and<br>709/223-226.ccls. and<br>@ad<"20011026"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:28 |
| S60 | 19  | 709/220-222.ccls. and<br>709/223-226.ccls. and<br>@ad<"20011026" and server adj<br>model\$4                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 15:35 |
| S61 | 3   | 709/220-222.ccls. and<br>709/223-226.ccls. and<br>@ad<"20011026" and service adj<br>model\$4                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 16:09 |
| S62 | 1   | "5796951".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/01/18 16:08 |
| S63 | 0   | 709/220-222.ccls. and<br>709/223-226.ccls. and<br>@ad<"20011026" and server<br>near4 (farm\$2 cluster\$2) adj4<br>model\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 16:11 |
| S64 | 2   | 709/220-226.ccls. and<br>@ad<"20011026" and server<br>near4 (farm\$2 cluster\$2) adj4<br>model\$4                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 16:14 |
| S65 | 2   | 709/220-226.ccls. and<br>@ad<"20011026" and server\$2<br>near4 (farm\$2 cluster\$2) adj4<br>model\$4                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 16:14 |



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| S66 | 2   | 709/220-226.ccls. and @ad<"20011026" and server\$2 near4 (farm\$2 cluster\$2) adj4 (template\$3 model\$4)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 16:15 |
| S67 | 15  | 709/220-226.ccls. and @ad<"20011026" and server\$2 with (farm\$2 cluster\$2) with (template\$3 model\$4) not S65 not S66 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/18 16:15 |
| S68 | 1   | "6182136".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/01/18 16:30 |
| S69 | 1   | "6138122".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/01/18 16:31 |
| S70 | 1   | "6076106".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/01/18 16:31 |
| S71 | 1   | "5778049".PN.  | USPAT;<br>USOCR   | OR | OFF | 2005/01/18 16:32 |
| S72 | 162 | optimal near10 allocat\$4 and "709"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:27 |
| S73 | 4   | "10046519"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:27 |
| S74 | 4   | "10046516"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:27 |
| S75 | 70  | optimal near10 allocat\$4 and "709"/\$.ccls. and (map mapping)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:27 |
| S76 | 4   | optimal near10 allocat\$4 and "709"/\$.ccls. and (map mapping) near10 model\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:28 |
| S77 | 50  | optimal near10 allocat\$4 and "709"/\$.ccls. and (map mapping) and model\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:28 |

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| S78 | 46  | optimal near10 allocat\$4 and "709"/\$.ccls. and (map mapping) and model\$6 not S76   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:29 |
| S79 | 29  | optimal near10 allocat\$4 and "709"/\$.ccls. and (map mapping) and model\$6 not S76 and @ad<"20011026"                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:49 |
| S80 | 52  | optimal\$4 near10 allocat\$4 and (map mapping) and model\$6 near10 layer\$4 not S76 and @ad<"20011026"                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 16:52 |
| S81 | 73  | (optimiz\$6 optimal\$4) near10 (map mapping) near10 (server\$1 router\$1 node\$1) AND model\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:01 |
| S82 | 38  | (optimiz\$6 optimal\$4) near10 (map mapping) near10 (server\$1 router\$1 node\$1) AND model\$4 and @ad<"20011026"                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:03 |
| S83 | 41  | (optimiz\$6 optimal\$4) near10 (map mapping) near10 (server\$1 router\$1 node\$1) AND (template\$1 model\$4) and @ad<"20011026"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:13 |
| S84 | 53  | (optimiz\$6 optimal\$4) near10 (map mapping) near10 (server\$1 router\$1 device\$1 node\$1) AND (layer\$4) and @ad<"20011026"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:15 |
| S85 | 41  | (optimiz\$6 optimal\$4) near10 (map mapping) near10 (server\$1 router\$1 device\$1 node\$1) AND (layer\$4) and @ad<"20011026" not S83 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:20 |
| S86 | 721 | model\$4 near10 (network\$4) and determin\$6 near10 allocat\$4 and @ad<"20011026"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:21 |
| S87 | 189 | model\$4 near10 (network\$4) and determin\$6 near10 allocat\$4 and @ad<"20011026" and "709"/\$.ccls.                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:21 |

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|-----|----|--|---|----|-----|------------------|
| S88 | 77 | model\$4 near10 (network\$4) same layer\$4 and determin\$6 near10 allocat\$4 and @ad<"20011026" and "709"/\$.ccls.                         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:22 |
| S89 | 8  | model\$4 near10 (network\$4) same layer\$4 and determin\$6 near10 allocat\$4 same (map maps mapping) and @ad<"20011026" and "709"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:23 |
| S90 | 11 | model\$4 same layer\$4 and determin\$6 near10 allocat\$4 same (map maps mapping) and @ad<"20011026" and "709"/\$.ccls.                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:23 |
| S91 | 3  | model\$4 same layer\$4 and determin\$6 near10 allocat\$4 same (map maps mapping) and @ad<"20011026" and "709"/\$.ccls. not S89             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:24 |
| S92 | 0  | model\$4 near10 cluster\$1 near10 node\$1 near10 network\$4 same capacit\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:25 |
| S93 | 90 | model\$4 near10 node\$1 near10 network\$4 same capacit\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:25 |
| S94 | 5  | model\$4 near10 node\$1 near10 network\$4 same capacit\$4 same layer\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:28 |
| S95 | 13 | model\$4 near10 layer\$4 near10 network\$4 and 703/21-22.ccls. and @ad<"20011026"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:29 |
| S96 | 29 | 709/217-226.ccls. and 703/21-22.ccls. and @ad<"20011026"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:30 |
| S97 | 6  | 709/217-226.ccls. and 703/21-22.ccls. and @ad<"20011026" and model\$4 near10 layer\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/31 17:33 |

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|----------|------|---|---|----|-----|------------------|
| S98      | 6    | "6014697"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:47 |
| S99      | 16   | "6363056"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:35 |
| S10<br>0 | 8    | layer\$4 near10 service\$1 near10<br>application\$1 near10 task\$1<br>near10 process\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:48 |
| S10<br>1 | 5727 | layer\$4 near10 model\$4 same<br>(network\$4 servic\$4)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:49 |
| S10<br>2 | 1515 | layer\$4 near10 model\$4 same<br>(network\$4 servic\$4) and "709"/\$.<br>ccls.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:49 |
| S10<br>3 | 564  | layer\$4 near10 model\$4 same (<br>servic\$4) and "709"/\$.ccls.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:50 |
| S10<br>4 | 103  | model\$4 same ( servic\$4 near10<br>demand\$4) and "709"/\$.ccls.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/31 17:50 |
| S10<br>5 | 56   | model\$4 same ( servic\$4 near10<br>demand\$4) and "709"/\$.ccls. and<br>@ad<"20011026" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:02 |
| S10<br>6 | 1598 | model\$4 near5 layer\$4 and<br>"709"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:19 |
| S10<br>7 | 3    | server adj layer\$1 near5 cluster\$4<br>and @ad<"20011026"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:20 |

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|------|-----|---|---|----|-----|------------------|
| S108 | 1   | "6393466".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 08:29 |
| S109 | 1   | "6230164".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 08:30 |
| S110 | 1   | "6230164".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 08:30 |
| S111 | 1   | "6192359".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 08:30 |
| S112 | 1   | "5970495".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 08:31 |
| S113 | 264 | hierarch\$6 near10 layer\$4 near10 model\$4 and @ad<"20011026"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:34 |
| S114 | 51  | hierarch\$6 near10 layer\$4 near10 model\$4 and @ad<"20011026" and "709"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:34 |
| S115 | 3   | cluster\$4 adj layer\$1 same application\$1 near3 layer\$1 and @ad<"20011026"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:47 |
| S116 | 9   | cluster\$4 adj layer\$1 and application\$1 near3 layer\$1 and @ad<"20011026"      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:48 |
| S117 | 7   | generat\$4 near10 map\$6 near10 demand\$4 near10 capacit\$4 and layer\$4          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 08:50 |
| S118 | 17  | "5764740"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 09:47 |
| S119 | 13  | "6047320"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 09:18 |
| S120 | 25  | "5764911"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 09:54 |

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|----------|-----|---|---|----|-----|------------------|
| S12<br>1 | 0   | "5764911" and S119 and optim\$8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 09:55 |
| S12<br>2 | 2   | "5764911" and S119 and allocat\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 09:55 |
| S12<br>3 | 1   | "5764911" and S119 and map\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 09:56 |
| S12<br>4 | 0   | map\$6 near10 tunnel\$5 same<br>capacit\$4 near10 demand\$4 and<br>"709"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 09:57 |
| S12<br>5 | 11  | map\$6 same capacit\$4 near10<br>demand\$4 and "709"/\$.ccls.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:00 |
| S12<br>6 | 8   | "6463454"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:00 |
| S12<br>7 | 122 | optim\$6 near10 (map mapped<br>mapping) near10 node\$1                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:11 |
| S12<br>8 | 15  | optim\$6 near10 (map mapped<br>mapping) near10 node\$1 and<br>"709"/\$.ccls.      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:17 |
| S12<br>9 | 8   | "6463454"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:21 |
| S13<br>0 | 568 | server near5 optimization   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:21 |

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| S13<br>1 | 11   | server\$1 near5 optimization same layer\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:23 |
| S13<br>2 | 70   | server\$1 near5 optimization same model\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:24 |
| S13<br>3 | 45   | server\$1 near5 optimization same model\$4 and @ad<"20011026"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:33 |
| S13<br>4 | 3601 | hierarch\$7 near5 application\$2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:34 |
| S13<br>5 | 2453 | hierarch\$7 near5 application\$2 and @ad<"20011026"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:34 |
| S13<br>6 | 385  | hierarch\$7 near5 application\$2 and @ad<"20011026" and "709"/\$.ccls.\                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:34 |
| S13<br>7 | 385  | hierarch\$7 near5 application\$2 and @ad<"20011026" and "709"/\$.ccls.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:34 |
| S13<br>8 | 115  | hierarch\$7 near5 application\$2 and @ad<"20011026" and "709"/\$.ccls. and optimiz\$7       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:41 |
| S13<br>9 | 1    | hierarch\$7 near5 servic\$2 same (optimiz\$7 optimal) and @ad<"20011026" and "709"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:42 |
| S14<br>0 | 13   | hierarch\$7 near5 servic\$2 same (optimiz\$7 optimal) and @ad<"20011026"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:44 |

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|----------|------|---|---|----|-----|------------------|
| S14<br>1 | 1    | parent near5 child\$4 near10<br>model\$4 same (optimiz\$6<br>optimal\$4) and @ad<"20011026"<br>and "709"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 10:45 |
| S14<br>2 | 15   | parent near5 child\$4 near10<br>model\$4 and @ad<"20011026"<br>and "709"/\$.ccls.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:01 |
| S14<br>3 | 1    | "5796951".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 10:52 |
| S14<br>4 | 1    | "5778049".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 10:54 |
| S14<br>5 | 1    | "5692106".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 10:55 |
| S14<br>6 | 1    | "5455853".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 10:56 |
| S14<br>7 | 1    | "5276789".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 10:57 |
| S14<br>8 | 1    | "5185860".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 10:57 |
| S14<br>9 | 3258 | (optimiz\$7 optimal\$4) near5<br>allocat\$4 and @ad<"20011026"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:01 |
| S15<br>0 | 26   | (optimiz\$7 optimal\$4) near5<br>allocat\$4 near10 layer\$4 and<br>@ad<"20011026"                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:07 |
| S15<br>1 | 90   | (optimiz\$7 optimal\$4) near5<br>allocat\$4 near10 model\$4 and<br>@ad<"20011026"                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:20 |
| S15<br>2 | 11   | client near10 demand\$4 near10<br>layer\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:21 |
| S15<br>3 | 43   | client near10 demand\$4 near10<br>model\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:23 |



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| S15<br>4 | 47  | minimum adj guaranteed and engineering  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:23 |
| S15<br>5 | 2   | minimum adj guaranteed and engineering and maximum adj allowed                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:26 |
| S15<br>6 | 13  | "5889956"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:43 |
| S15<br>7 | 67  | server near5 group\$4 near5 layer\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:44 |
| S15<br>8 | 32  | server near5 group\$4 near5 layer\$4 and @ad<"20011016"                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 11:48 |
| S15<br>9 | 19  | client\$4 near5 group\$4 near10 load near10 balanc\$4 and @ad<"20011016"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 12:33 |
| S16<br>0 | 21  | client\$4 near5 group\$4 near10 load\$1 near10 balanc\$4 and @ad<"20011016"                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 12:33 |
| S16<br>1 | 2   | client\$4 near5 group\$4 near10 load\$1 near10 balanc\$4 and @ad<"20011016" not S159        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 12:34 |
| S16<br>2 | 44  | client\$4 near5 group\$4 same load\$1 near10 balanc\$4 and @ad<"20011016" not S159 not S160 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 12:35 |
| S16<br>3 | 490 | (map mapping maps) near10 service\$1 near10 server\$1 and @ad<"20011016" not S159 not S160  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 12:35 |

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|----------|----|---|---|----|-----|------------------|
| S16<br>4 | 16 | (map mapping maps) near10<br>service\$1 near10 server\$1 same<br>capacit\$4 and @ad<"20011016"<br>not S159 not S160 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 13:26 |
| S16<br>5 | 2  | minimum adj guaranteed and<br>engineering and maximum adj<br>allowed  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 12:43 |
| S16<br>6 | 27 | service\$1 near3 domain\$1 near10<br>layer\$4 and @ad<"20011016"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 13:40 |
| S16<br>7 | 0  | distribut\$4 near10 software<br>near10 higherarch\$6 and<br>@ad<"20011016".   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 13:40 |
| S16<br>8 | 87 | distribut\$4 near10 software<br>near10 hierarch\$6 and<br>@ad<"20011016"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 13:44 |
| S16<br>9 | 0  | distribut\$4 near10 software<br>near10 hierarch\$6 same (map<br>maps mapped mapping) and<br>@ad<"20011016"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 13:44 |
| S17<br>0 | 29 | distribut\$4 near10 software<br>near10 hierarch\$6 and (map maps<br>mapped mapping) and<br>@ad<"20011016"           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 15:15 |
| S17<br>1 | 7  | "6553240"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/02/01 15:16 |
| S17<br>2 | 1  | "6353839".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 15:17 |
| S17<br>3 | 1  | "6317831".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 15:17 |
| S17<br>4 | 1  | "6314432".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 15:17 |
| S17<br>5 | 1  | "6223291".PN.   | USPAT;<br>USOCR   | OR | OFF | 2005/02/01 15:18 |
| S17<br>6 | 0  | ("2002/0049842").URPN.  | USPAT   | OR | OFF | 2005/02/01 15:40 |

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| S17<br>7 | 0  | softwar3 near10 deployment<br>near10 model\$4                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 08:25 |
| S17<br>8 | 96 | software near10 deployment<br>near10 model\$4                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 08:32 |
| S17<br>9 | 91 | deployment near10 model\$4 and<br>"717"/\$.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 08:34 |
| S18<br>0 | 45 | deployment near10 model\$4 and<br>"717"/\$.ccls. and<br>@ad<"20011026"      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 08:44 |
| S18<br>1 | 17 | model\$4 same optimiz\$6 and<br>"717"/168-178.ccls. and<br>@ad<"20011026"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 08:44 |
| S18<br>2 | 8  | model\$4 near10 optimiz\$6 and<br>"717"/168-178.ccls. and<br>@ad<"20011026" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 08:44 |
| S18<br>3 | 8  | normaliz\$4 near10 attribute\$1<br>near10 server\$1                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 14:41 |